

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	252	(micropump or (micro with pump)) same vacuum same pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:16
L2	339	(micropump or (micro with pump)) same vacuum same pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:16
L3	71	I2 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:24
L4	16	I3 and (anderson.in. or Mathies.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:33
L5	6939	435/287.2.ccls. or 435/288.5.ccls. or 435/288.3.ccls. or 435/288.4.ccls. or 438/1.ccls. or 435/286.1.ccls. or 435/286.5.ccls. or 435/286.7.ccls. or 435/288.6.ccls. or 435/288.7.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:35
L6	304	I5 and (circuit adj board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:35
L7	2499	I5 and ((nucleic or nucleotide or dna or rna or gene) with (hybridiz\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:36
L8	148	I7 and I6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:36
L9	2532	I5 and ((nucleic or nucleotide or dna or rna or gene) with detect\$4) and fluoresc\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:37
L10	36	I5 and ((bury or buried) with (channel or chamber or conduit or line or path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:46
L11	3	"20040132059"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 11:47

## EAST Search History

L12	3361	422/81.ccls. or 137/206.ccls. or 137/208.ccls. or 137/571.ccls. or 137/597.ccls. or 417/118.ccls. or 417/121.ccls. or 417/120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 13:05
L13	49	l12 and (micropump or (micro with pump))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 13:20
L14	21	l12 and (micropump or (micro with pump)) and semiconductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 13:51
L15	0	2002A000808	EPO; JPO; DERWENT	OR	ON	2006/07/21 13:51
L16	4	"2002000808"	EPO; JPO; DERWENT	OR	ON	2006/07/21 13:54
L17	2	"20050233440"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 13:54
S1	2	"20040132059"	US-PGPUB; USPAT	OR	OFF	2006/07/20 07:51
S2	30	"4993143".pn. or "20010036672" or "20020017660" or "20020022261" or "20020045244" or "20020055167" or "20020060156" or "20020068334" or "20020068357" or "20020097900" or "20030057199" or "5429734".pn. or "5637469".pn. or "5639423".pn. or "5690841".pn. or "5922591".pn. or "5939312".pn. or "5942443".pn. or "6010607".pn. or "6046056".pn. or "6168948".pn. or "6261431".pn. or "6267858".pn. or "6376291".pn. or "6403367".pn. or "6440725".pn. or "6518022".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/21 07:27
S3	5595	435/287.2.ccls. or 435/288.5.ccls. or 435/288.3.ccls. or 435/288.4.ccls. or 438/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:35
S4	3	S2 and (circuit adj board)	US-PGPUB; USPAT	OR	ON	2006/07/20 08:02
S5	6	"20020068357" or "20020060156" or "20020055167" or "6267858".pn. or "6010607".pn. or "5637469".pn.	US-PGPUB; USPAT	OR	ON	2006/07/21 09:37
S6	2	"20020068357" or "20020055167"	US-PGPUB; USPAT	OR	ON	2006/07/20 08:30

## EAST Search History

S7	30	"4993143".pn. or "20010036672" or "20020017660" or "20020022261" or "20020045244" or "20020055167" or "20020060156" or "20020068334" or "20020068357" or "20020097900" or "20030057199" or "5429734".pn. or "5637469".pn. or "5639423".pn. or "5690841".pn. or "5922591".pn. or "5939312".pn. or "5942443".pn. or "6010607".pn. or "6046056".pn. or "6168948".pn. or "6261431".pn. or "6267858".pn. or "6376291".pn. or "6403367".pn. or "6440725".pn. or "6518022".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/20 09:47
S8	4	S7 and anderson.in.	US-PGPUB; USPAT	OR	OFF	2006/07/20 09:54
S9	5595	435/287.2.ccls. or 435/288.5.ccls. or 435/288.3.ccls. or 435/288.4.ccls. or 438/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/20 09:54
S10	246	S9 and (circuit adj board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/20 09:54
S11	33	S10 and (hybridiz\$4 same electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:00
S12	59	S10 and (probe same electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:00
S13	32	S12 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:00
S14	5595	435/287.2.ccls. or 435/288.5.ccls. or 435/288.3.ccls. or 435/288.4.ccls. or 438/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 11:33
S15	736	S14 and microfluidic and detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/20 12:47

## EAST Search History

S16	99	( "3799742"   "4426451"   "4642220"   "4789628"   "4855240"   "4891120"   "4895500"   "4908112"   "4908318"   "4915812"   "4918025"   "4921952"   "4923978"   "4963498"   "4983523"   "5061446"   "5114858"   "5124444"   "5143084"   "5147607"   "5155018"   "5188963"   "5207988"   "5223219"   "5229297"   "5234809"   "5296375"   "5304487"   "5330916"   "5342931"   "5352777"   "5374522"   "5374533"   "5399486"   "5422241"   "5422271"   "5427663"   "5427946"   "5438129"   "5443890"   "5458761"   "5500071"   "5534054"   "5543305"   "5580435"   "5580794"   "5585069"   "5587128"   "5605662"   "5616701"   "5639423"   "5639428"   "5641400"   "5643738"   "5652141"   "5660993"   "5693785"   "5705018"   "5707799"   "5714380"   "5716852"   "5726026"   "5741639"   "5746978"   "5770029"   "5777141"   "5798215"   "5842787"   "5843767"   "5846727"   "5856174"   "5858188"   "5863502"   "5863801"   "5869004"   "5874046"   "5880071"   "5882903"   "5921678"   "5922591"   "5928880"   "5948673"   "5955351"   "5972710"   "5976824"   "6030581"   "6042709"   "6043080"   "6068752"   "6080295"   "6090545"   "6100084"   "6153073"   "6156273"   "6168948"   "6197595"   "6261431"   "6261848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/20 13:02
S17	410	435/288.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/20 14:44
S18	2	"20010036672"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/20 14:44
S19	2	"20020172969" or "6653124".pn.	US-PGPUB; USPAT	OR	OFF	2006/07/21 11:14

## EAST Search History

S20	5595	435/287.2.ccls. or 435/288.5.ccls. or 435/288.3.ccls. or 435/288.4.ccls. or 438/1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 09:37
S21	198	CMOS and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 09:38
S22	92	(CMOS with detect\$4) and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 10:11
S23	3	"20030064422"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 10:11